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Florida Fluid Milk Report

Upper Florida Marketing Area
Federal Order No. 6
Tampa Bay Marketing Area
Federal Order No. 12
Southeastern Florida Marketing Area
Federal Order No. 13

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January 1981

Market Summary

UPPER FLORIDA

Receipts of producer milk at pool plants regulated under Order No. 6 during December 1980 totaled 62.6 million pounds. Deliveries were up 3.5 million pounds from the previous month and 5.1 million pounds below the same month of the previous year.

During December, 57.1 million pounds of producer milk was classified as Class I -- up 3.7 million pounds from the previous month and down 3.1 million pounds from December 1979. The percentage of producer milk in Class I was 91.25% in December compared to 90.26% the previous month and 88.95% a year ago.

The uniform price to producers during December was $15.10 per cwt. -- up 38 cents from November 1980 and $1.29 above December 1979.

TAMPA BAY

Producers delivered 56.2 million pounds of milk to pool plants regulated under Federal Order No. 12 during December 1980. Producer milk deliveries were up 6.5 million pounds from November and were up 8.8 million pounds from December 1979.

Producer milk classified as Class I milk as used in the computation of the uniform price to producers totaled 53.3 million pounds. Class I producer milk totaled 44.9 million pounds in November and 41.5 million pounds during December a year ago. Class I milk was 94.87% of the total producer milk during December compared to 90.28% (Continued on page 6)

Annual Summary — 1980

During 1980 the combined deliveries of producer milk to pool plants regulated under Federal Orders 6, 12 and 13 totaled 2,121.7 million pounds. Producer milk deliveries in 1979 were 2,077.8 million pounds. These data reflect an increase in 1980 over 1979 of 44.0 million pounds, or 2.1 percent.

Producer milk receipts at Southeastern Florida pool plants decreased from 787.6 million pounds in 1979 to 766.7 million pounds in 1980 -- down 2.7 percent. Receipts at Tampa Bay pool plants increased from 548.9 million pounds in 1979 to 599.6 million pounds in 1980 -- up 9.2%, and receipts at Upper Florida pool plants increased 1.9% from 741.3 million pounds in 1979 to 755.4 million pounds in 1980.

Class I milk sales in the combined 3 market area totaled 2,024.6 million pounds in 1980 compared to 1,973.9 million pounds in 1979, reflecting an increase of 2.6%. In the individual markets Class I milk sales were up 3.2% in the Southeastern Florida area, 6.3% in the Tampa Bay area and down 1.3% in the Upper Florida area.

The percentage of producer milk classified as Class I milk showed a decrease in 1980 compared to 1979. In 1980, 91.60% of all producer milk under Federal Orders 6, 12 and 13 was classified as Class I milk compared to 92.07% in 1979. Class I producer milk decreased from 92.74% to 90.15% under Order 6, increased from 89.33% to 90.70% under Order 12, and increased from 93.35% to 93.74% under Order 13. (Continued on page 7)

Computation of the Uniform Prices for Producer Milk

December 1980

	Order 6		Order 12		Order 13	
	% OF TOTAL	PRODUCT POUNDS	%OF TOTAL	PRODUCT POUNDS	% OF TOTAL	PRODUCT POUNDS
CLASS I MILK	91.25	57,132,072	94.87	53,291,360	95.15	65,450,441
CLASS II MILK	8.75	5,478,559	5.13	2,881,524	4.85	3,332,618
CLASS III MILK					-	-
TOTAL PRODUCER MILK	100.00	62,610,631	100.00	56,172,884	100.00	68,783,059
OTHER SOURCE MILK		178,726		-		-
TOTAL MILK		62,789,357		56,172,884		68,783,059
		Value		Value		Value
CLASS I MILK		$8,724,067.39		$8,190,882.03		$10,190,633.66
CLASS II MILK		699,064.13		367,682.46		425,242.06
CLASS III MILK						-
TOTAL		$9,423,131.52		$8,558,564.49		$10,615,875.72
ADJUSTMENTS:						
HANDLERS' LOCATION ADJ.		20,911.07		-		-
OVERAGE		-		-		215.71
BULK INVENTORY		11,114.03		18,756.57		959.55
PACKAGED INVENTORY		14,612.12		8,000.83		13,675.89
OTHER SOURCE RECEIPTS		27,291.46		-		-
TOTAL VALUE TO HANDLERS		$9,497,060.20		$8,585,321.89		$10,630,726.87
LOCATION ADJUSTMENTS		- 15,537.74		-		-
FROM PRODUCER SETTLEMENT FUND		26,543.20		22,262.26		24,756.26
TOTAL VALUE OF MILK		$9,508,065.66		$8,607,584.15		$10,655,483.13
RESERVE		- 26,872.75		- 24,367.48		- 28,500.51
VALUE AT UNIFORM PRICE		$9,481,192.91		$8,583,216.67		$10,626,982.62
UNIFORM PRICE		$15.10*		$15.28		$15.45
BUTTERFAT DIFF'L		$ 0.170		$ 0.170		$ 0.170
AVERAGE BUTTERFAT TEST		3.6235%		3.6075%		3.5540%

* 10 cents higher at plants located in or south of Flagler, Levy, Marion or Volusia Counties.

U.S. Milk Production and Prices*

DECEMBER MILK PRODUCTION UP 4 PERCENT FROM PREVIOUS YEAR

December 1980 milk production totaled 10.4 billion pounds, up 4 percent from December 1979. Accumulated production for 1980 was 128 billion pounds, 4 percent or 4.49 billion pounds more than in 1979.

Production per cow averaged 958 pounds, 27 pounds above December a year earlier, and 62 pounds above December 1978.

Total milk cows averaged 10.9 million for December, up 1 percent from both December 1979 and 1978.

Reprinted from "MILK PRODUCTION", Crop Reporting Board, U.S.D.A., January 16, 1981.

DAIRY PRODUCTS* DECEMBER 1980

BUTTER

November butter production was 84.9 million pounds -- 5 percent less than October but 12 percent more than November 1979.

AMERICAN CHEESE

Production totaled 177 million pounds, 5 percent below last month but 10 percent above a year earlier.

TOTAL CHEESE OUTPUT

Excluding cottage cheese, production was 315 million pounds, 4 percent below the previous month but 9 percent above November 1979.

OTHER PRODUCTS

Following are changes in November production compared to a year ago:

CREAMED COTTAGE CHEESE	- down 7%
LOWFAT COTTAGE CHEESE	- up 10%
ICE CREAM	- down 2%
ICE MILK	- down 6%
SHERBET	- down 10%
DRY WHOLE MILK	- up 8%
DRY BUTTERMILK	- up 19%
NONFAT DRY MILK (human use)	- up 22%

* Reprinted from "DAIRY PRODUCTS", Crop Reporting Board, U.S.D.A., December 31, 1980.

MILK-FEED PRICE RATIO, 1976-1980, BASED ON 16% DAIRY FEED

MONTH	1976	1977	1978	1979	1980
January	1.49	1.31	1.50	1.61	1.54
February	1.44	1.26	1.52	1.59	1.57
March	1.43	1.28	1.51	1.58	1.55
April	1.39	1.28	1.47	1.56	1.55
May	1.35	1.23	1.47	1.53	1.53
June	1.28	1.26	1.43	1.51	1.50
July	1.30	1.35	1.45	1.43	1.47
August	1.34	1.46	1.54	1.50	1.42
September	1.34	1.56	1.59	1.54	1.39
October	1.37	1.62	1.64	1.55	1.42
November	1.38	1.58	1.62	1.58	1.40
December	1.34	1.51	1.63	1.57	1.38
Annual	1.37	1.39	1.53	1.55	1.48

Source: "Agricultural Prices", Crop Reporting Board, U. S. D. A.

Producer Prices in Selected Federal Order Markets

(dollars per cwt. for 3.5 milk)

Market	Class I Prices (JAN.)	Class I Prices (DEC.)	Uniform Prices 1/ (DEC.)
Tennessee Valley	14.62	14.52	13.98
Louisville	14.22	14.12	13.58
Chicago Regional	13.78	13.68	13.09
Georgia	14.82	14.72	14.20
Memphis	14.46	14.36	14.18
Nashville	14.37	14.27	13.40
New Orleans-Mississippi	15.37	15.27	14.44
Tampa Bay	15.47	15.37	15.28
Southeastern Florida	15.67	15.57	15.45
Upper Florida	15.37	15.27	15.10

1/ Or weighted average of base and excess prices.

Utilization and Cl
at Poo

Southeastern Florida Order No. 13

	DECEMBER 1980 (Pounds)	DECEMBER 1980 (B.F. Lbs.)	DECEMBER 1979 (Pounds)	DECEMBER 1979 (B.F. Lbs.)	DE (Pounds
Class I Milk					
Whole Milk	45,556,190	1,548,632	43,800,266	1,480,032	36,621,
Skim Milk and Lowfat Milk	18,657,399	242,087	18,535,707	238,915	15,943,
Flavored Milk and Milk Drinks	3,780,185	137,296	3,750,199	138,975	3,416,
Buttermilk	577,914	7,727	607,224	7,847	885,
Total Packaged Class I Disposition	68,571,688	1,935,742	66,693,396	1,865,769	56,867,
In the Area	65,985,215	1,869,812	62,597,388	1,760,038	45,544,
Out of the Area	2,586,473	65,930	4,096,008	105,731	11,323,
Transfers to Nonpool Plants	-	-	-	-	-
Total Class I Disposition	68,571,688	1,935,742	66,693,396	1,865,769	56,867,
Closing Inventory (Packaged)	3,710,631	102,774	3,778,411	100,484	2,527,
Unaccounted for Milk	112,032	13,212	201,233	13,259	197,
Total Class I Milk	72,394,351	2,051,728	70,673,040	1,979,512	59,592,
Percent Change from Last Year	+2.4		-1.1		+27.
Less Nonpool Receipts 1/	6,943,910	193,635	9,251,908	259,770	6,301,
PRODUCER MILK IN CLASS I	65,450,441	1,858,093	61,421,132	1,719,742	53,291,
Class II Milk					
Half & Half	1,208,255	127,380	1,259,060	133,822	401,
Light Cream	32,835	5,971	67,375	12,778	18,
Heavy Cream	86,655	30,776	216,924	77,483	62,
Frozen Desserts	1,699,314	110,366	1,639,090	97,273	1,955,
Other Class II Products	1,253,458	14,016	1,753,440	13,485	3,068,
Total Class II Products	4,280,517	288,509	4,935,889	334,841	5,506,
Transfers to Nonpool Plants	1,582,741	401,975	1,656,925	379,980	1,515,
Closing Inventory (Packaged)	147,405	19,092	239,404	47,035	105,
Closing Inventory (Bulk)	997,565	67,741	1,704,609	78,723	1,691,
Shrinkage	803,794	28,196	919,145	32,800	991,
Total Class II Milk	7,812,022	805,513	9,455,972	873,379	9,810,
Percent Change from Last Year	-17.4		-19.6		-13.
Less Nonpool Receipts 1/	4,479,404	219,061	4,196,536	286,066	6,929,
PRODUCER MILK IN CLASS II	3,332,618	586,452	5,259,436	587,313	2,881,
PRODUCER MILK IN CLASS III					
Producer Milk All Classes	68,783,059	2,441,545	66,680,568	2,307,055	56,172,
Average Butterfat Test	3.55%		3.46%		

1/ Includes, whenever applicable, receipts of other source milk in any form, beginning inventory, and overage.

ssification of Milk
Plants

Tampa Bay Order No. 12

MBER 1980 (B.F. Lbs.)	DECEMBER 1979 (Pounds)	DECEMBER 1979 (B.F. Lbs.)
1,203,690	28,298,344	925,153
167,703	11,591,794	123,475
85,654	3,194,359	91,017
10,833	827,521	9,691
1,467,880	43,912,018	1,149,336
1,179,176	39,796,923	1,040,777
288,704	4,115,095	108,559
-	7,101	216
1,467,880	43,919,119	1,149,552
61,012	2,366,360	56,982
43,669	538,804	28,029
1,572,561	46,824,283	1,234,563
	-1.3	
146,237	5,312,642	122,003
1,426,324	41,511,641	1,112,560
42,308	408,854	43,622
3,284	17,029	3,145
21,815	66,074	22,635
201,325	1,982,021	154,406
143,843	3,037,510	135,813
412,575	5,511,488	359,621
500,138	3,225,230	379,073
19,534	87,171	15,009
87,853	1,679,864	74,564
40,149	864,900	28,945
1,060,249	11,368,653	857,212
	+11.3	
460,133	5,502,975	318,678
600,116	5,865,678	538,534
2,026,440	47,377,319	1,651,094
3.61%	3.48%	

Upper Florida Order No. 6

DECEMBER 1980 (Pounds)	DECEMBER 1980 (B.F. Lbs.)	DECEMBER 1979 (Pounds)	DECEMBER 1979 (B.F. Lbs.)
37,939,891	1,246,130	41,071,349	1,332,045
10,993,335	134,760	11,633,996	143,401
4,801,608	124,246	4,090,618	116,787
1,308,459	9,315	1,266,771	9,281
55,043,293	1,514,451	58,062,734	1,601,514
42,048,498	1,156,447	46,156,487	1,272,627
12,994,795	358,004	11,906,247	328,887
3,336,653	98,070	2,818,061	81,206
58,379,946	1,612,521	60,880,795	1,682,720
3,775,135	98,183	4,406,658	111,909
35,906	25,279	67,705	31,342
62,190,987	1,735,983	65,355,158	1,825,971
-4.8		+7.3	
5,058,915	118,476	5,107,031	133,891
57,132,072	1,617,507	60,248,127	1,692,080
700,099	73,664	599,393	64,289
15,730	2,829	15,844	2,853
123,939	46,209	111,183	40,489
4,066,874	287,144	4,768,873	289,281
1,893,378	11,700	1,676,485	15,284
6,800,020	421,546	7,171,778	412,196
4,560,723	445,802	3,837,116	372,836
139,047	22,543	96,147	14,937
2,209,439	108,612	2,747,795	131,322
427,637	26,423	616,842	30,590
14,136,866	1,024,926	14,469,678	961,881
-2.3		+30.4	
8,658,307	373,764	6,986,346	254,747
5,478,559	651,162	7,483,332	707,134
62,610,631	2,268,669	67,731,459	2,399,214
3.62%		3.54%	

Market Summary

From page 1

last month and 87.62% during December of last year.

The uniform price per cwt. for December milk was $15.28, an increase of 48 cents from the previous month and $1.43 above December of last year.

SOUTHEASTERN FLORIDA

Receipts of producer milk at pool plants regulated under Federal Order No. 13 totaled 68.8 million pounds of milk during December 1980. Compared to the previous month, receipts of producer milk were up 7.7 million pounds and 2.1 million pounds above December 1980.

In the December equalization pool, 65.5 million pounds of milk was classified as Class I. Class I producer milk was up 9.0 million pounds from last month, and was 4.0 million pounds above December 1979. Class I milk was 95.15% of the total during December compared to 92.38% the previous month and 92.11% during December of the previous year.

The uniform price to producers under Order No. 13 for December milk was $15.45 per cwt. The uniform price was up 41 cents from November and was $1.28 above December 1980.

PRODUCER SUMMARY

Under the three Florida milk orders, 435 producers delivered 187.6 million pounds of milk to pool plants. This compared to 435 producers and 169.9 million pounds during the previous month and 437 producers and 181.8 million pounds during December 1979. Producer milk deliveries in December were up 10.4% from November and were 3.2% above December of last year.

The average milk delivery per producer was 13,874 pounds per day for all producers delivering to plants under Federal Orders 6, 12, and 13. The average daily delivery per producer was 9,644 pounds under Order No. 6, 11,499 pounds under Order No. 12, and 32,112 pounds under Order No. 13.

Farm Costs and Prices*

PRICES RECEIVED INDEX DOWN 3 POINTS
PRICES PAID INDEX UP 1 POINT

The December Index of Prices Received by Farmers decreased 3 points (1.1 percent) to 261 percent of its January-December 1967 average, according to the Crop Reporting Board. Contributing most to the decrease since November were lower prices for soybeans, hogs, oranges, wheat, cattle and lettuce. Higher prices for eggs, corn, peanuts, tobacco and rice were partially offsetting. The Index was 22 points (9.2 percent) above a year ago.

The Index of Prices Paid By Farmers for Commodities and Services, Interest, Taxes and Wage Rates for December 15 was 291, up 1 point (.3 percent) from mid-November. Higher prices for feed, fuel and energy, and family living items were the major contributors to the increase. The Index was 31 points (12 percent) above a year earlier.

The Ratio of the Index of Prices Received to the Index of Prices Paid, Including Interest, Taxes, and Farm Wage Rates was 90 for the month of December 1980. The ratio was down 1 point from the previous month and down 2 points from the same period a year ago.

* Reprinted from "AGRICULTURAL PRICES", issued December 31, 1980, by the Crop Reporting Board, U.S.D.A.

Manufactured Dairy Product Prices (cents per pound)

Month	Butter (92-Score Chicago)	Nonfat Dry Milk (Spray Process, Chicago Area)	Cheddar Cheese (Wis. Assembling Points, 40 lb. Blocks)
1979			
Dec.	130.16	83.87	125.00
1980			
Jan.	130.16	83.70	125.64
Feb.	130.28	83.78	126.00
Mar.	130.35	84.24	129.60
Apr.	134.26	87.11	131.43
May	136.88	89.16	131.00
June	138.95	89.17	130.86
July	139.31	89.29	130.82
Aug.	144.46	89.17	132.55
Sept.	145.07	89.26	132.55
Oct.	147.06	91.89	141.18
Nov.	147.60	93.33	140.50
Dec.	147.71	93.63	140.07
1979 Avg.	122.43	79.55	123.77
1980 Avg.	139.34	88.64	132.68

Disposition of Packaged Class I Milk Products Inside the Marketing Area

	DEC. 1980	DEC. 1979	PERCENT CHANGE	
	Pounds	Pounds	Actual	Adjusted
ORDER 6	56,160,093	53,806,063	+4.4	+2.0
ORDER 12	55,084,776	49,180,395	+12.0	+9.5
ORDER 13	69,223,175	65,498,801	+5.7	+3.8
3 MARKET TOTAL	180,468,044	168,485,259	+7.1	+4.9

NOTE: The data shown herein include products disposed of by producer-handlers, non-pool distributing plants and other order plants as well as pool plants.

The quantities shown are actual pounds. The adjusted percentages eliminate variation in sales due to calendar composition.

Number of Plants and Handlers

December 1980

	ORDER 6	ORDER 12	ORDER 13
Total No. of Handlers	33	14	19
Distributing Plants	8	7	8
Supply Plants	2	0	0
Part. Reg. Dist. Plants	4	1	1
Other Order Plants	14	3	8
Producer-Handlers	1	0	0
Coop. Ass'ns as Handlers	4	3	1

Annual Summary

From page 1

The average Class I price per cwt. during 1980 was $14.82 under the Southeastern Florida Order, $14.62 under the Tampa Bay Order and $14.52 under the Upper Florida Order. These averages were 90 cents above the averages for 1979.

The average minimum uniform price to producers under the Southeastern Florida Order was $14.65 -- up 90 cents from 1979; Tampa Bay $14.40 -- 91 cents up from 1979, and Upper Florida $14.29 -- up 83 cents from 1979.

USDA PURCHASES LARGE*

The USDA continued to purchase large amounts of dairy products this fall, because of the heavy supply of milk and a weak demand for dairy products. Milk equivalent purchases totaled 868 million pounds during October-November, compared with 450 million pounds during the same period last year. From January through November, the USDA has made net removals equivalent to 8.2 billion pounds of milk nearly four times as much as in 1979. Since milk production is expected to continue rising for most of 1981 and since dairy product demand may not increase as much, USDA will likely continue to purchase dairy products through most of 1981. In addition, because of the 105% sell-back policy in effect -- and also because of the expected larger milk production -- manufacturers will try to hold their stocks to a relatively low level, increasing the amount of CCC removals.

On December 1, USDA uncommitted inventories of butter were 274 million pounds, 92% higher than last year while nonfat dry milk holdings were 521 million pounds, up 37%. Meanwhile, American cheese uncommitted inventories were 184 million pounds -- more than nine times year-ago levels.

USDA DAIRY PURCHASES 1/

ITEM	January-November		
	1979	1980	Change
	Million Pounds		Percent
Butter	74.5	239.2	+221.1
American Cheese ...	19.2	328.7	2/
Nonfat Dry Milk ...	229.4	595.1	+159.4
Evaporated Milk ...	15.6	15.2	- 2.6
Milk Equivalent ...	1,762	8,219	+366.5

1/ Delivery basis, after sales for unrestricted use. 2/ More than 1,000.

* Excerpted from DAIRY SITUATION, USDA, December 1980.

Minimum Order Prices (Per Cwt. for 3.5 Milk)

Month and Year	Basic Formula Price a/	Basic Formula Price b/	Upper Fla.* (Order No. 6) Class I	Upper Fla.* (Order No. 6) Uniform	Tampa Bay (Order No. 12) Class I	Tampa Bay (Order No. 12) Uniform	S.E. Fla. (Order No. 13) Class I	S.E. Fla. (Order No. 13) Uniform
1979								
Dec.	$11.34	$11.25	$14.10	$13.81	$14.20	$13.85	$14.40	$14.17
1980								
Jan.	11.37	11.27	14.12	13.88	14.22	13.95	14.42	14.26
Feb.	11.35	11.34	14.19	14.00	14.29	14.13	14.49	14.35
Mar.	11.59	11.37	14.22	13.89	14.32	13.99	14.52	14.32
Apr.	11.68	11.35	14.20	13.85	14.30	14.04	14.50	14.29
May	11.66	11.59	14.44	14.20	14.54	14.33	14.74	14.60
June	11.68	11.68	14.53	14.21	14.63	14.27	14.83	14.63
July	11.73	11.66	14.51	14.32	14.61	14.35	14.81	14.59
Aug.	11.86	11.68	14.53	14.31	14.63	14.46	14.83	14.68
Sept.	12.07	11.73	14.58	14.48	14.68	14.56	14.88	14.76
Oct.	12.42	11.86	14.71	14.57	14.81	14.63	15.01	14.85
Nov.	12.52	12.07	14.92	14.72	15.02	14.80	15.22	15.04
Dec.	12.61	12.42	15.27	15.10	15.37	15.28	15.57	15.45
1979 Avg.	10.91	10.77	13.62	13.46	13.72	13.49	13.92	13.75
1980 Avg.	11.88	11.67	14.52	14.29	14.62	14.40	14.82	14.65

a/ As reported for the month.
b/ Used in the computation of Class I prices for the month.
* 10 cents higher at plants located in or south of Flagler, Levy, Marion or Volusia Counties.

Number of Producers and Average Daily Delivery per Producer

Month and Year	Upper Florida No. of Producers 1/	Upper Florida Avg. Daily Delivery (pounds)	Tampa Bay No. of Producers 1/	Tampa Bay Avg. Daily Delivery (pounds)	Southeastern Fla. No. of Producers 1/	Southeastern Fla. Avg. Daily Delivery (pounds)
Dec. '79	227	9,706	136	11,190	74	28,459
Jan. '80	233	9,923	132	11,917	74	29,501
Feb.	241	10,262	124	12,196	71	31,796
Mar.	208	10,134	153	12,169	67	33,405
Apr.	212	10,272	152	12,255	67	33,386
May	208	10,037	154	11,447	66	32,137
June	218	9,290	141	10,805	66	30,119
July	237	7,925	133	10,198	66	28,168
Aug.	217	8,198	124	9,550	66	27,738
Sept.	236	8,335	132	9,807	66	27,779
Oct.	236	8,861	140	10,123	69	27,957
Nov.	210	9,816	156	9,828	69	29,500
Dec.	207	9,641	159	11,499	69	32,112

1/ Adjusted to exclude producers who delivered less milk to plants pooled under this Order than to plants pooled under another Federal Order.

UNIVERSITY OF FLORIDA
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